

Klaus-Peter Lesch

List of Publications by Year in descending order

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653
papers

63,356
citations

952

115
h-index

1385

222
g-index

680
all docs

680
docs citations

680
times ranked

41803
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of Anxiety-Related Traits with a Polymorphism in the Serotonin Transporter Gene Regulatory Region. <i>Science</i> , 1996, 274, 1527-1531.	12.6	4,817
2	Identification of risk loci with shared effects on five major psychiatric disorders: a genome-wide analysis. <i>Lancet</i> , The, 2013, 381, 1371-1379.	13.7	2,643
3	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. <i>Nature Genetics</i> , 2013, 45, 984-994.	21.4	2,067
4	Allelic Variation of Human Serotonin Transporter Gene Expression. <i>Journal of Neurochemistry</i> , 1996, 66, 2621-2624.	3.9	1,938
5	Discovery of the first genome-wide significant risk loci for attention deficit/hyperactivity disorder. <i>Nature Genetics</i> , 2019, 51, 63-75.	21.4	1,594
6	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018, 360, .	12.6	1,085
7	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , 2019, 179, 1469-1482.e11.	28.9	935
8	Long story short: the serotonin transporter in emotion regulation and social cognition. <i>Nature Neuroscience</i> , 2007, 10, 1103-1109.	14.8	923
9	Psychiatric genome-wide association study analyses implicate neuronal, immune and histone pathways. <i>Nature Neuroscience</i> , 2015, 18, 199-209.	14.8	701
10	Altered Brain Serotonin Homeostasis and Locomotor Insensitivity to 3,4-Methylenedioxymethamphetamine (Ecstasy) in Serotonin Transporter-Deficient Mice. <i>Molecular Pharmacology</i> , 1998, 53, 649-655.	2.3	659
11	Neural stem cell proliferation is decreased in schizophrenia, but not in depression. <i>Molecular Psychiatry</i> , 2006, 11, 514-522.	7.9	583
12	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. <i>Lancet Psychiatry</i> , the, 2017, 4, 310-319.	7.4	565
13	Excess of High Activity Monoamine Oxidase A Gene Promoter Alleles in Female Patients with Panic Disorder. <i>Human Molecular Genetics</i> , 1999, 8, 621-624.	2.9	563
14	Organization of the human serotonin transporter gene. <i>Journal of Neural Transmission</i> , 1994, 95, 157-162.	2.8	541
15	Primary Structure of the Human Platelet Serotonin Uptake Site: Identity with the Brain Serotonin Transporter. <i>Journal of Neurochemistry</i> , 1993, 60, 2319-2322.	3.9	507
16	Simultaneous genotyping of four functional loci of human SLC6A4, with a reappraisal of 5-HTTLPR and rs25531. <i>Molecular Psychiatry</i> , 2006, 11, 224-226.	7.9	503
17	Cocaine reward models: Conditioned place preference can be established in dopamine- and in serotonin-transporter knockout mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 7699-7704.	7.1	458
18	Molecular mechanisms of cocaine reward: Combined dopamine and serotonin transporter knockouts eliminate cocaine place preference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 5300-5305.	7.1	435

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19	Meta-Analysis of Genome-Wide Association Studies of Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 884-897.	0.5	423
20	Targeting the murine serotonin transporter: insights into human neurobiology. <i>Nature Reviews Neuroscience</i> , 2008, 9, 85-96.	10.2	402
21	Serotonin Transporter: Gene, Genetic Disorders, and Pharmacogenetics. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2004, 4, 109-123.	3.4	401
22	Live fast, die young? A review on the developmental trajectories of ADHD across the lifespan. <i>European Neuropsychopharmacology</i> , 2018, 28, 1059-1088.	0.7	398
23	Role of Serotonin in the Immune System and in Neuroimmune Interactions. <i>Brain, Behavior, and Immunity</i> , 1998, 12, 249-271.	4.1	397
24	Rearing condition and rh5-HTTLPR interact to influence limbic-hypothalamic-pituitary-adrenal axis response to stress in infant macaques. <i>Biological Psychiatry</i> , 2004, 55, 733-738.	1.3	395
25	Serotonin transporter gene polymorphism, differential early rearing, and behavior in rhesus monkey neonates. <i>Molecular Psychiatry</i> , 2002, 7, 1058-1063.	7.9	362
26	Looking on the Bright Side of Serotonin Transporter Gene Variation. <i>Biological Psychiatry</i> , 2011, 69, 513-519.	1.3	362
27	Common brain disorders are associated with heritable patterns of apparent aging of the brain. <i>Nature Neuroscience</i> , 2019, 22, 1617-1623.	14.8	358
28	Molecular genetics of adult ADHD: converging evidence from genome-wide association and extended pedigree linkage studies. <i>Journal of Neural Transmission</i> , 2008, 115, 1573-1585.	2.8	356
29	Pharmacogenetic prediction of clozapine response. <i>Lancet, The</i> , 2000, 355, 1615-1616.	13.7	334
30	Genome-wide copy number variation study associates metabotropic glutamate receptor gene networks with attention deficit hyperactivity disorder. <i>Nature Genetics</i> , 2012, 44, 78-84.	21.4	334
31	Impaired Stress-Coping and Fear Extinction and Abnormal Corticolimbic Morphology in Serotonin Transporter Knock-Out Mice. <i>Journal of Neuroscience</i> , 2007, 27, 684-691.	3.6	333
32	Serotonin in the Modulation of Neural Plasticity and Networks: Implications for Neurodevelopmental Disorders. <i>Neuron</i> , 2012, 76, 175-191.	8.1	327
33	Beyond affect: A role for genetic variation of the serotonin transporter in neural activation during a cognitive attention task. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12224-12229.	7.1	320
34	Impulsivity, aggression, and serotonin: a molecular psychobiological perspective. <i>Behavioral Sciences and the Law</i> , 2000, 18, 581-604.	0.8	318
35	The genetics of attention deficit/hyperactivity disorder in adults, a review. <i>Molecular Psychiatry</i> , 2012, 17, 960-987.	7.9	317
36	Genetically driven variation in serotonin uptake: is there a link to affective spectrum, neurodevelopmental, and neurodegenerative disorders?. <i>Biological Psychiatry</i> , 1998, 44, 179-192.	1.3	312

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37	Association between the serotonin transporter promoter polymorphism and personality traits in a primarily female population sample. <i>American Journal of Medical Genetics Part A</i> , 2000, 96, 202-216.	2.4	304
38	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5154-E5163.	7.1	299
39	Neural correlates of epigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16033-16038.	7.1	294
40	Attenuated hypoxic pulmonary hypertension in mice lacking the 5-hydroxytryptamine transporter gene. <i>Journal of Clinical Investigation</i> , 2000, 105, 1555-1562.	8.2	290
41	Mice Lacking the Serotonin Transporter Exhibit 5-HT _{1A} Receptor-Mediated Abnormalities in Tests for Anxiety-like Behavior. <i>Neuropsychopharmacology</i> , 2003, 28, 2077-2088.	5.4	289
42	Epigenetic regulation of the BDNF gene: implications for psychiatric disorders. <i>Molecular Psychiatry</i> , 2012, 17, 584-596.	7.9	262
43	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. <i>American Journal of Psychiatry</i> , 2019, 176, 531-542.	7.2	261
44	Excessive Activation of Serotonin (5-HT) 1B Receptors Disrupts the Formation of Sensory Maps in Monoamine Oxidase A and 5-HT Transporter Knock-Out Mice. <i>Journal of Neuroscience</i> , 2001, 21, 884-896.	3.6	258
45	The 5-HT transporter gene-linked polymorphic region (5-HTTLPR) in evolutionary perspective: Alternative biallelic variation in rhesus monkeys. <i>Journal of Neural Transmission</i> , 1997, 104, 1259-1266.	2.8	254
46	Altered expression and functions of serotonin 5-HT _{1A} and 5-HT _{1B} receptors in knock-out mice lacking the 5-HT transporter. <i>European Journal of Neuroscience</i> , 2000, 12, 2299-2310.	2.6	253
47	The genome of the platyfish, <i>Xiphophorus maculatus</i> , provides insights into evolutionary adaptation and several complex traits. <i>Nature Genetics</i> , 2013, 45, 567-572.	21.4	251
48	Neural Hyporesponsiveness and Hyperresponsiveness During Immediate and Delayed Reward Processing in Adult Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2009, 65, 7-14.	1.3	249
49	Interaction Between Serotonin Transporter Gene Variation and Rearing Condition in Alcohol Preference and Consumption in Female Primates. <i>Archives of General Psychiatry</i> , 2004, 61, 1146.	12.3	246
50	A common variant of the latrophilin 3 gene, LPHN3, confers susceptibility to ADHD and predicts effectiveness of stimulant medication. <i>Molecular Psychiatry</i> , 2010, 15, 1053-1066.	7.9	245
51	Functional promoter and polyadenylation site mapping of the human serotonin (5-HT) transporter gene. <i>Journal of Neural Transmission</i> , 1995, 102, 247-254.	2.8	244
52	The utility of the non-human primate model for studying gene by environment interactions in behavioral research. <i>Genes, Brain and Behavior</i> , 2003, 2, 336-340.	2.2	242
53	Monoamine oxidase A gene promoter variation and rearing experience influences aggressive behavior in rhesus monkeys. <i>Biological Psychiatry</i> , 2005, 57, 167-172.	1.3	242
54	Genome-Wide Analysis of Copy Number Variants in Attention Deficit Hyperactivity Disorder: The Role of Rare Variants and Duplications at 15q13.3. <i>American Journal of Psychiatry</i> , 2012, 169, 195-204.	7.2	242

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55	A family based association study of T102C polymorphism in 5HT2A and schizophrenia plus identification of new polymorphisms in the promoter. <i>Molecular Psychiatry</i> , 1998, 3, 42-49.	7.9	232
56	Toward a molecular architecture of personality. <i>Behavioural Brain Research</i> , 2003, 139, 1-20.	2.2	231
57	Nature and Nurture Predispose to Violent Behavior: Serotonergic Genes and Adverse Childhood Environment. <i>Neuropsychopharmacology</i> , 2007, 32, 2375-2383.	5.4	230
58	Serotonin transporter (5-HTT) gene variants associated with autism?. <i>Human Molecular Genetics</i> , 1997, 6, 2233-2238.	2.9	228
59	Joint Analysis of Psychiatric Disorders Increases Accuracy of Risk Prediction for Schizophrenia, Bipolar Disorder, and Major Depressive Disorder. <i>American Journal of Human Genetics</i> , 2015, 96, 283-294.	6.2	225
60	Reduction in the Density and Expression, But Not G-Protein Coupling, of Serotonin Receptors (5-HT _{1A}) in 5-HT Transporter Knock-Out Mice: Gender and Brain Region Differences. <i>Journal of Neuroscience</i> , 2000, 20, 7888-7895.	3.6	214
61	Barrel Pattern Formation Requires Serotonin Uptake by Thalamocortical Afferents, and Not Vesicular Monoamine Release. <i>Journal of Neuroscience</i> , 2001, 21, 6862-6873.	3.6	210
62	Allelic variation in 5-HT 1A receptor expression is associated with anxiety- and depression-related personality traits. <i>Journal of Neural Transmission</i> , 2003, 110, 1445-1453.	2.8	209
63	A neuronal nitric oxide synthase (NOS-I) haplotype associated with schizophrenia modifies prefrontal cortex function. <i>Molecular Psychiatry</i> , 2006, 11, 286-300.	7.9	204
64	Isolation of a cDNA encoding the human brain serotonin transporter. <i>Journal of Neural Transmission</i> , 1993, 91, 67-72.	2.8	201
65	How the serotonin story is being rewritten by new gene-based discoveries principally related to SLC6A4, the serotonin transporter gene, which functions to influence all cellular serotonin systems. <i>Neuropharmacology</i> , 2008, 55, 932-960.	4.1	199
66	The human serotonin transporter gene polymorphism-basic research and clinical implications. <i>Journal of Neural Transmission</i> , 1997, 104, 1005-1014.	2.8	197
67	Co-morbidity of adult attention-deficit/hyperactivity disorder with focus on personality traits and related disorders in a tertiary referral center. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2007, 257, 309-317.	3.2	196
68	Regional brain expression of serotonin transporter mRNA and its regulation by reuptake inhibiting antidepressants. <i>Molecular Brain Research</i> , 1993, 17, 31-35.	2.3	194
69	Sexual dichotomy of an interaction between early adversity and the serotonin transporter gene promoter variant in rhesus macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 12358-12363.	7.1	194
70	Genetic perspectives on the serotonin transporter. <i>Brain Research Bulletin</i> , 2001, 56, 487-494.	3.0	193
71	Splitting Schizophrenia: Periodic Catatoniaâ€“Susceptibility Locus on Chromosome 15q15. <i>American Journal of Human Genetics</i> , 2000, 67, 1201-1207.	6.2	192
72	Regional Differences in Extracellular Dopamine and Serotonin Assessed by In Vivo Microdialysis in Mice Lacking Dopamine and/or Serotonin Transporters. <i>Neuropsychopharmacology</i> , 2004, 29, 1790-1799.	5.4	188

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73	Analysis of DRD4 and DAT polymorphisms and behavioral inhibition in healthy adults: Implications for impulsivity. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 27-32.	1.7	188
74	Defeat stress in rodents: From behavior to molecules. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 59, 111-140.	6.1	185
75	Multicenter Analysis of the SLC6A3/DAT1 VNTR Haplotype in Persistent ADHD Suggests Differential Involvement of the Gene in Childhood and Persistent ADHD. <i>Neuropsychopharmacology</i> , 2010, 35, 656-664.	5.4	180
76	Association of a regulatory polymorphism in the promoter region of the monoamine oxidase A gene with antisocial alcoholism. <i>Psychiatry Research</i> , 1999, 86, 67-72.	3.3	178
77	In Vivo Association Between Alcohol Intoxication, Aggression, and Serotonin Transporter Availability in Nonhuman Primates. <i>American Journal of Psychiatry</i> , 1998, 155, 1023-1028.	7.2	174
78	Investigating the Contribution of Common Genetic Variants to the Risk and Pathogenesis of ADHD. <i>American Journal of Psychiatry</i> , 2012, 169, 186-194.	7.2	174
79	Amygdala responsiveness is modulated by tryptophan hydroxylase-2 gene variation. <i>Journal of Neural Transmission</i> , 2005, 112, 1479-1485.	2.8	172
80	Association between a functional polymorphism in the monoamine oxidase A gene promoter and major depressive disorder. <i>American Journal of Medical Genetics Part A</i> , 2000, 96, 801-803.	2.4	168
81	Altered serotonin synthesis, turnover and dynamic regulation in multiple brain regions of mice lacking the serotonin transporter. <i>Neuropharmacology</i> , 2005, 49, 798-810.	4.1	168
82	Animal models of depression in dopamine, serotonin, and norepinephrine transporter knockout mice: prominent effects of dopamine transporter deletions. <i>Behavioural Pharmacology</i> , 2008, 19, 566-574.	1.7	168
83	5-HT1A receptor responsivity in unipolar depression Evaluation of ipsapirone-induced ACTH and cortisol secretion in patients and controls. <i>Biological Psychiatry</i> , 1990, 28, 620-628.	1.3	166
84	Serotonin transporter function is modulated by brain-derived neurotrophic factor (BDNF) but not nerve growth factor (NGF). <i>Neurochemistry International</i> , 2000, 36, 197-202.	3.8	165
85	Deficiency of brain 5-HT synthesis but serotonergic neuron formation in Tph2 knockout mice. <i>Journal of Neural Transmission</i> , 2008, 115, 1127-1132.	2.8	162
86	Meta-analysis of genome-wide linkage scans of attention deficit hyperactivity disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 1392-1398.	1.7	160
87	Dopamine and Cognitive Control: The Influence of Spontaneous Eyeblink Rate and Dopamine Gene Polymorphisms on Perseveration and Distractibility.. <i>Behavioral Neuroscience</i> , 2005, 119, 483-490.	1.2	159
88	Serotonin Transporter Gene Variation is Associated with Alcohol Sensitivity in Rhesus Macaques Exposed to Early-Life Stress. <i>Alcoholism: Clinical and Experimental Research</i> , 2003, 27, 812-817.	2.4	158
89	Polygenic transmission and complex neuro developmental network for attention deficit hyperactivity disorder: Genome-wide association study of both common and rare variants. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2013, 162, 419-430.	1.7	157
90	Oxytocin Receptor Gene Methylation: Converging Multilevel Evidence for a Role in Social Anxiety. <i>Neuropsychopharmacology</i> , 2015, 40, 1528-1538.	5.4	155

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91	Stratified medicine for mental disorders. <i>European Neuropsychopharmacology</i> , 2014, 24, 5-50.	0.7	152
92	Case-Control Genome-Wide Association Study of Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 906-920.	0.5	150
93	A splice variant of glutamate transporter GLT1/EAAT2 expressed in neurons: cloning and localization in rat nervous system. <i>Neuroscience</i> , 2002, 109, 45-61.	2.3	146
94	Serotonin transporter gene hypomethylation predicts impaired antidepressant treatment response. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1167-1176.	2.1	146
95	A Genetic Investigation of Sex Bias in the Prevalence of Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2018, 83, 1044-1053.	1.3	146
96	Association of the functional V158M catechol-O-methyl-transferase polymorphism with panic disorder in women. <i>International Journal of Neuropsychopharmacology</i> , 2004, 7, 183-188.	2.1	145
97	Genome-wide copy number variation analysis in attention-deficit/hyperactivity disorder: association with neuropeptide Y gene dosage in an extended pedigree. <i>Molecular Psychiatry</i> , 2011, 16, 491-503.	7.9	145
98	Transmission disequilibrium of polymorphic variants in the tryptophan hydroxylase-2 gene in attention-deficit/hyperactivity disorder. <i>Molecular Psychiatry</i> , 2005, 10, 1126-1132.	7.9	144
99	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. <i>Brain Imaging and Behavior</i> , 2017, 11, 1497-1514.	2.1	144
100	Pharmacogenetics of the serotonin transporter. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2005, 29, 1062-1073.	4.8	143
101	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2022, 43, 431-451.	3.6	143
102	Regional brain activation changes and abnormal functional connectivity of the ventrolateral prefrontal cortex during working memory processing in adults with attention-deficit/hyperactivity disorder. <i>Human Brain Mapping</i> , 2009, 30, 2252-2266.	3.6	142
103	Tryptophan hydroxylase-2 gene variation influences personality traits and disorders related to emotional dysregulation. <i>International Journal of Neuropsychopharmacology</i> , 2007, 10, 309.	2.1	141
104	Obsessive compulsive disorder, response to serotonin reuptake inhibitors and the serotonin transporter gene. <i>Molecular Psychiatry</i> , 1997, 2, 403-406.	7.9	140
105	Spatio-temporal expression of tryptophan hydroxylase isoforms in murine and human brain: Convergent data from Tph2 knockout mice. <i>European Neuropsychopharmacology</i> , 2009, 19, 266-282.	0.7	140
106	Association Analysis of a Regulatory Variation of the Serotonin Transporter Gene with Severe Alcohol Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 1997, 21, 1356-1359.	2.4	139
107	MAOA gene hypomethylation in panic disorder: reversibility of an epigenetic risk pattern by psychotherapy. <i>Translational Psychiatry</i> , 2016, 6, e773-e773.	4.8	138
108	The ADHD-susceptibility gene <i>lphn3.1</i> modulates dopaminergic neuron formation and locomotor activity during zebrafish development. <i>Molecular Psychiatry</i> , 2012, 17, 946-954.	7.9	137

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109	Influence of Functional Variant of Neuronal Nitric Oxide Synthase on Impulsive Behaviors in Humans. <i>Archives of General Psychiatry</i> , 2009, 66, 41.	12.3	136
110	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021, 78, 47.	11.0	136
111	Serotonin transporter gene variants in alcohol-dependent subjects with dissocial personality disorder. <i>Biological Psychiatry</i> , 1998, 43, 908-912.	1.3	131
112	Identifying Molecular Substrates in a Mouse Model of the Serotonin Transporter \tilde{A} — Environment Risk Factor for Anxiety and Depression. <i>Biological Psychiatry</i> , 2008, 63, 840-846.	1.3	130
113	Integrating Neurobiological Markers of Depression. <i>Archives of General Psychiatry</i> , 2010, 68, 361.	12.3	130
114	Targeting brain serotonin synthesis: insights into neurodevelopmental disorders with long-term outcomes related to negative emotionality, aggression and antisocial behaviour. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 2426-2443.	4.0	127
115	High Loading of Polygenic Risk for ADHD in Children With Comorbid Aggression. <i>American Journal of Psychiatry</i> , 2013, 170, 909-916.	7.2	127
116	Enhancement of serotonin transporter function by tumor necrosis factor alpha but not by interleukin-6. <i>Neurochemistry International</i> , 1998, 33, 251-254.	3.8	125
117	Interaction between BDNF Val66Met and Dopamine Transporter Gene Variation Influences Anxiety-Related Traits. <i>Neuropsychopharmacology</i> , 2007, 32, 2552-2560.	5.4	120
118	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. <i>American Journal of Psychiatry</i> , 2020, 177, 834-843.	7.2	120
119	Functional promoter polymorphism of the human serotonin transporter. <i>Psychiatric Genetics</i> , 1997, 7, 45-48.	1.1	119
120	Prenatal stress and subsequent exposure to chronic mild stress in rats; interdependent effects on emotional behavior and the serotonergic system. <i>European Neuropsychopharmacology</i> , 2014, 24, 595-607.	0.7	119
121	Loss of brain-derived neurotrophic factor gene allele exacerbates brain monoamine deficiencies and increases stress abnormalities of serotonin transporter knockout mice. <i>Journal of Neuroscience Research</i> , 2005, 79, 756-771.	2.9	118
122	Neural response to reward anticipation is modulated by Gray's impulsivity. <i>NeuroImage</i> , 2009, 46, 1148-1153.	4.2	118
123	Serotonergic innervation of the amygdala: targets, receptors, and implications for stress and anxiety. <i>Histochemistry and Cell Biology</i> , 2013, 139, 785-813.	1.7	118
124	Insulin receptor in the brain: Mechanisms of activation and the role in the CNS pathology and treatment. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 763-774.	3.9	118
125	5-HT1A receptor responsivity in anxiety disorders and depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1991, 15, 723-733.	4.8	116
126	Experimental gene interaction studies with SERT mutant mice as models for human polygenic and epistatic traits and disorders. <i>Genes, Brain and Behavior</i> , 2003, 2, 350-364.	2.2	115

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127	Primary structure of the serotonin transporter in unipolar depression and bipolar disorder. <i>Biological Psychiatry</i> , 1995, 37, 215-223.	1.3	114
128	Absence of Thermal Hyperalgesia in Serotonin Transporter-Deficient Mice. <i>Journal of Neuroscience</i> , 2003, 23, 708-715.	3.6	114
129	Tryptophan hydroxylase-2 (TPH2) in disorders of cognitive control and emotion regulation: A perspective. <i>Psychoneuroendocrinology</i> , 2011, 36, 393-405.	2.7	113
130	Splitting Schizophrenia: Periodic Catatoniaâ€“Susceptibility Locus on Chromosome 15q15. <i>American Journal of Human Genetics</i> , 2000, 67, 1201-1207.	6.2	112
131	Allelic variation of serotonin transporter expression is associated with depression in Parkinson's disease. <i>Molecular Psychiatry</i> , 2001, 6, 350-352.	7.9	112
132	Allelic Variation of Serotonin Transporter Function Modulates the Brain Electrical Response for Error Processing. <i>Neuropsychopharmacology</i> , 2004, 29, 1506-1511.	5.4	111
133	Differential Functional Variability of Serotonin Transporter and Monoamine Oxidase A Genes in Macaque Species Displaying Contrasting Levels of Aggression-Related Behavior. <i>Behavior Genetics</i> , 2006, 36, 163-172.	2.1	110
134	Antidepressant Drugs Transactivate TrkB Neurotrophin Receptors in the Adult Rodent Brain Independently of BDNF and Monoamine Transporter Blockade. <i>PLoS ONE</i> , 2011, 6, e20567.	2.5	110
135	Glucocorticoidâ€“regulated human serotonin transporter (5â€“HTT) expression is modulated by the 5â€“HTT geneâ€“promotorâ€“linked polymorphic region. <i>Journal of Neurochemistry</i> , 2003, 86, 1072-1078.	3.9	109
136	Neurogenesis and schizophrenia: dividing neurons in a divided mind?. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2007, 257, 290-299.	3.2	109
137	Early Life Blockade of 5-Hydroxytryptamine 1A Receptors Normalizes Sleep and Depression-Like Behavior in Adult Knock-Out Mice Lacking the Serotonin Transporter. <i>Journal of Neuroscience</i> , 2006, 26, 5554-5564.	3.6	107
138	Association of a functional â”1019C>G 5-HT1A receptor gene polymorphism with panic disorder with agoraphobia. <i>International Journal of Neuropsychopharmacology</i> , 2004, 7, 189-192.	2.1	106
139	5-HT1A receptor-effector system responsivity in panic disorder. <i>Psychopharmacology</i> , 1992, 106, 111-117.	3.1	105
140	Adaptive changes of serotonin 5-HT2A receptors in mice lacking the serotonin transporter. <i>Neuroscience Letters</i> , 1999, 262, 113-116.	2.1	105
141	Epigenetically regulated microRNAs in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014, 35, 731-745.	3.1	105
142	Corticotropin and Cortisol Secretion after Central 5-Hydroxytryptamine-1A (5-HT1A) Receptor Activation: Effects of 5-HT Receptor andÎ²-Adrenoceptor Antagonists. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1990, 70, 670-674.	3.6	104
143	Genome-wide linkage analysis of ADHD using high-density SNP arrays: novel loci at 5q13.1 and 14q12. <i>Molecular Psychiatry</i> , 2008, 13, 522-530.	7.9	104
144	Allelic functional variation of serotonin transporter expression is a susceptibility factor for late onset Alzheimer's disease. <i>NeuroReport</i> , 1997, 8, 683-686.	1.2	103

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145	Serotonin uptake into dopamine neurons via dopamine transporters: a compensatory alternative. <i>Brain Research</i> , 2002, 942, 109-119.	2.2	102
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